

CTR Employer Survey Report

Thank you for completing your Commute Trip Reduction survey. This report contains the survey results.

Employer Id : E81323

Employer : CH2M Hill

Worksite : Seattle

Street : 1100 112th Ave Ne

Jurisdiction : City of Bellevue

Survey Date : 3/16/2015

Survey Type : Online

Response Rate : 76%

Drive Alone & One-Way VMT Rates at this Worksite

Employees and Survey Response Information

Drive Alone : 35.4%
One-Way VMT per employee : 6.0

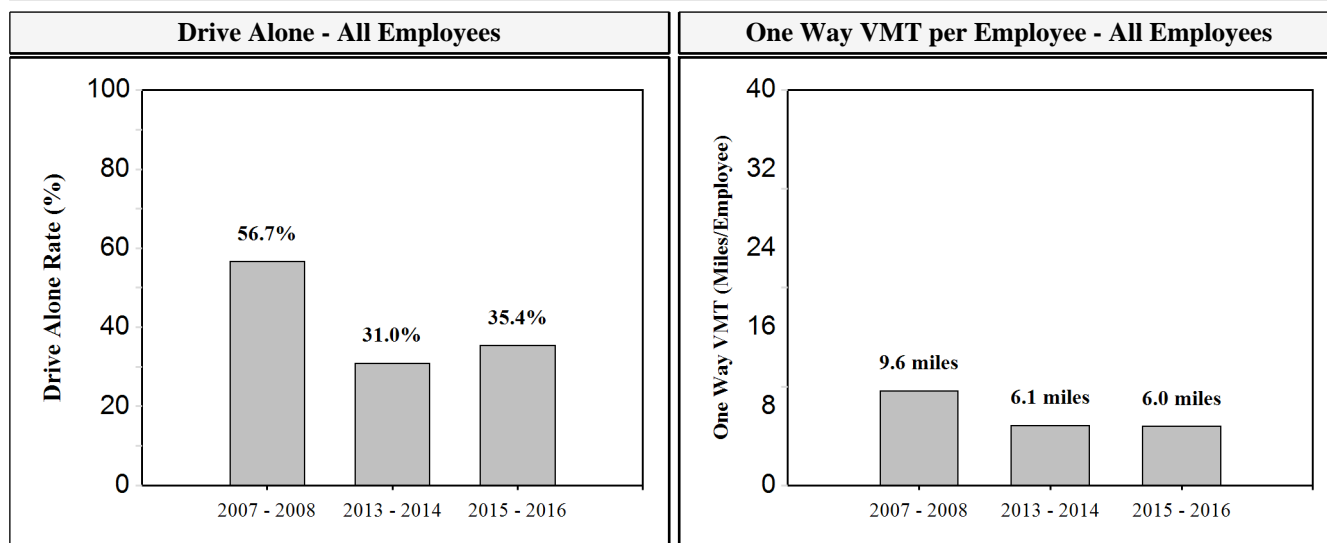
Reported Total Employees at Worksite: 200

Surveys Distributed : 197

Surveys Returned : 149

Surveys Returned by CTR Affected Employees : 124

Total Estimated CTR - Affected Employees at Worksite : 164



Site History and Goal

Cycle	Drive Alone - All	Drive Alone - CTR Affected	VMT / Employee - All	VMT / Employee - CTR Affected
2007 - 2008	56.7%	56.2%	9.6	9.2
2009 - 2010	50.0%	48.6%	8.2	8.0
2011 - 2012	45.9%	45.1%	7.8	8.0
2013 - 2014	31.0%	30.9%	6.1	6.2
2015 - 2016	35.4%	32.4%	6.0	6.0
2017 - 2018	N/A	N/A	N/A	N/A
2019 - 2020	N/A	N/A	N/A	N/A
Goal	TBD	TBD	TBD	TBD
Percent Change	-37.6%	-42.3%	-37.5%	-34.8%

Comparison Between Rates With and Without Fill-In

The survey response rate is indicated on Page 1. To encourage a response rate of at least 70%, additional drive alone trips are added to survey results for worksites with a response rate of less than 70%. For these worksites it is assumed that non-responding employees between the actual response rate and 70% drive alone 5 days a week. These additional trips represent the "Fill-In" applied. Note that fill-in is not applied to a worksite's first survey in the 2007 to 2012 cycle (their baseline survey).

	2007 - 2008	2013 - 2014	2015 - 2016
Drive Alone - All Employees*	56.7%	31.0%	35.4%
Drive Alone - CTR Affected Employees*	56.2%	30.9%	32.4%
VMT/Employee - All Employees	9.6	6.1	6.0
VMT/Employees - CTR Affected Employees	9.2	6.2	6.0

* Drive alone rate includes one person motorcycles.

Congratulations! You achieved a survey response rate of 70% or higher on this survey. Fill-in comparison for previous surveys, if applicable, are included in the chart above.

GHG Emissions: Total for Drive Alone, Carpools, Vanpools

Annual Greenhouse Gas Emissions (Metric Tons CO₂e) for Roundtrip Commute*

Value	2007 - 2008	2013 - 2014	2015 - 2016
Emissions for Surveyed Employees	580	256	177
Estimated Emissions for Total Employment	794	329	237

* Estimated based on VMT from commuters driving alone, carpooling, vanpooling, or motorcycling, without fill-in applied.

Bus Transit Passenger Miles and Rail Transit Passenger Miles*

Annual Transit Passenger Miles (includes Roundtrip Commute)	2007 - 2008	2013 - 2014	2015 - 2016
Bus Annual Passenger Miles - Estimated for Total Employment	524,932	476,211	378,121
Bus Annual Passenger Miles - Surveyed Employees	383,200	370,600	281,700
Ferry Annual Passenger Miles - Estimated for Total Employment	0	36,236	6,174
Ferry Annual Passenger Miles - Surveyed Employees	0	28,200	4,600
Train/Light Rail/Streetcar Annual Passenger Miles - Estimated for Total Employment	16,438	42,533	18,658
Train/Light Rail/Streetcar Annual Passenger Miles - Surveyed Employees	12,000	33,100	13,900

* Transit passenger miles can be used to gauge changes in transit usage, and also to calculate greenhouse gas emissions from transit commute trips. However, emissions attributable to transit vary widely, depending on the efficiency/energy source of transit vehicles and transit vehicle passenger load (typically ranging from 0.1 to 0.9 pounds CO₂e emissions/passenger mile). Employers are strongly encouraged to contact their local transit agencies for more precise information on GHG emissions for their transit trips. If nothing else is available, the value of 0.47 pounds (0.00021 metric tons) per passenger mile can be used to estimate CO₂e emissions for bus transit, and 0.39 pounds (0.00018 metric tons) CO₂e emissions per passenger mile for train/light rail/streetcar.

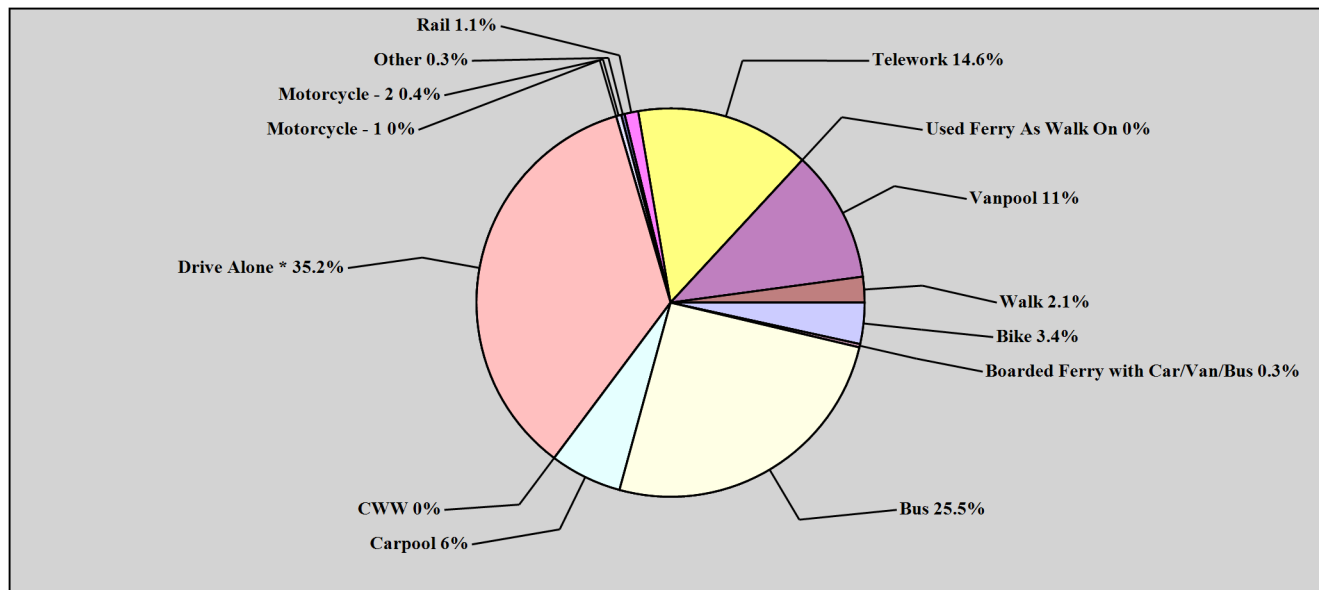
Q3.

One way, how many miles do you commute from home to your usual work location?
Average one-way distance home to work: 14.2 miles

Commute Trips By Mode - All Employees

Q.4a: Last week, what type of transportation did you use each day to commute TO your usual work location? (Mode used for the longest distance.)

Mode Split - All Employees



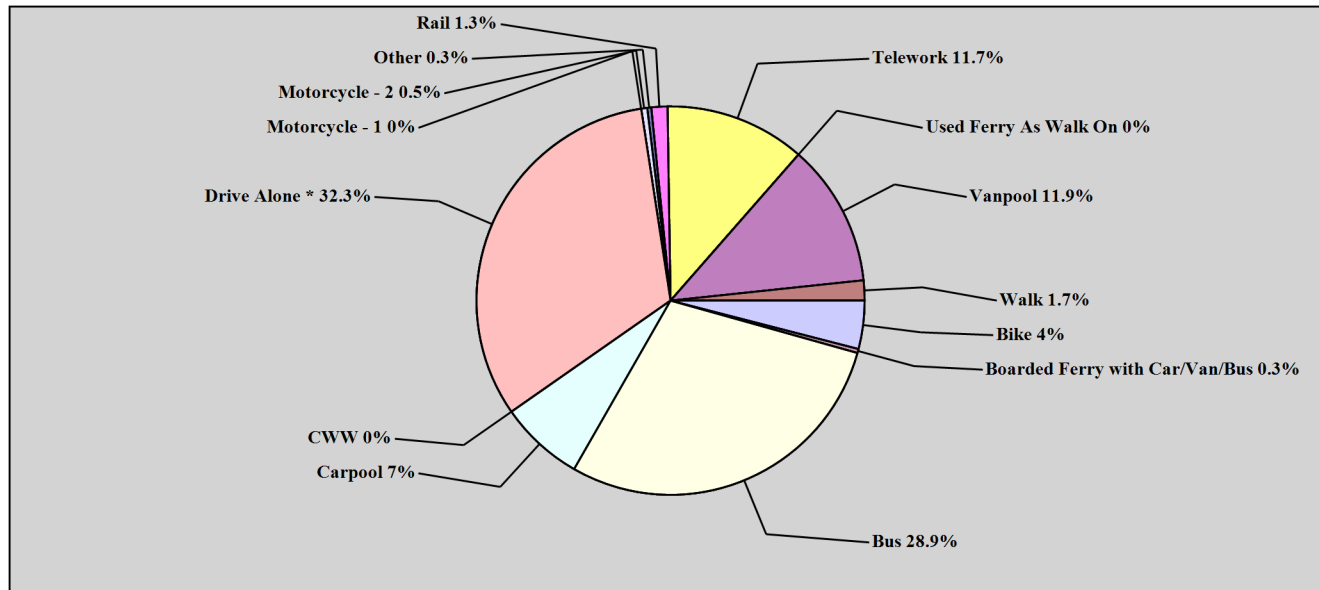
Mode	Trips During This Survey Week	% of Trips During This Survey Week	% of Trips During Previous Survey Week	Employees Who Used This Mode at Least Once During This Survey Week	% of Employees Who Used This Mode at Least Once During This Survey Week	% of Employees Who Used This Mode at Least Once During Previous Survey Week
Drive Alone *	247	35.2%	31.0%	73	49.0%	52.3%
Carpool	42	6.0%	6.3%	16	10.7%	11.9%
Vanpool	77	11.0%	7.9%	18	12.1%	10.4%
Motorcycle - 1	0	0.0%	0.0%	0	0.0%	0.0%
Motorcycle - 2	3	0.4%	0.0%	2	1.3%	0.0%
Bus	179	25.5%	25.7%	47	31.5%	34.7%
Rail	8	1.1%	1.2%	3	2.0%	2.1%
Bike	24	3.4%	2.6%	8	5.4%	4.1%
Walk	15	2.1%	0.6%	3	2.0%	1.0%
Telework	102	14.6%	22.2%	44	29.5%	36.8%
CWW	0	0.0%	0.0%	0	0.0%	0.0%
Boarded Ferry with Car/Van/Bus	2	0.3%	0.0%	2	1.3%	0.0%
Used Ferry As Walk On	0	0.0%	0.5%	0	0.0%	1.0%
Other	2	0.3%	1.8%	1	0.7%	3.6%

* Drive alone mode includes fill-in, where applicable.

Commute Trips By Mode - Affected Employees

Q.4a: Last week, what type of transportation did you use each day to commute TO your usual work location? (Mode used for the longest distance.)

Mode Split - Affected Employees



Mode	Trips During This Survey Week	% of Trips During This Survey Week	% of Trips During Previous Survey Week	Employees Who Used This Mode at Least Once During This Survey Week	% of Employees Who Used This Mode at Least Once During This Survey Week	% of Employees Who Used This Mode at Least Once During Previous Survey Week
Drive Alone *	193	32.3%	30.9%	56	45.2%	50.0%
Carpool	42	7.0%	7.2%	16	12.9%	13.8%
Vanpool	71	11.9%	9.2%	16	12.9%	11.9%
Motorcycle - 1	0	0.0%	0.0%	0	0.0%	0.0%
Motorcycle - 2	3	0.5%	0.0%	2	1.6%	0.0%
Bus	173	28.9%	27.8%	45	36.3%	36.3%
Rail	8	1.3%	1.2%	3	2.4%	1.9%
Bike	24	4.0%	2.5%	8	6.5%	4.4%
Walk	10	1.7%	0.7%	2	1.6%	1.3%
Telework	70	11.7%	17.7%	33	26.6%	30.6%
CWW	0	0.0%	0.0%	0	0.0%	0.0%
Boarded Ferry with Car/Van/Bus	2	0.3%	0.0%	2	1.6%	0.0%
Used Ferry As Walk On	0	0.0%	0.5%	0	0.0%	0.6%
Other	2	0.3%	2.1%	1	0.8%	4.4%

* Drive alone mode includes fill-in, where applicable.

Alternative Modes - Number of Employees Who Used a Non-Drive Alone Mode:

Non-Drive Alone Number Of Days	Exactly this # of Employees	Exactly this % of Employees	At least # of Employees	At least % of employees
0 Day	40	27%	149	100%
1 Days	9	6%	109	73%
2 Days	8	5%	100	67%
3 Days	11	7%	92	62%
4 Days	20	13%	81	54%
5 Days	54	36%	61	41%
6 or More Days	7	5%	7	5%

Work Schedules By Group - All Employees (This table shows the relationship between work schedule and commute mode)

Employees who worked:	Drive Alone 5 days / week		Drive Alone 3 or 4 days / week		Used Bus At Least 3 days / week		Carpooled At Least 3 days / week		Used Rail At Least 3 days / week		Vanpooled At Least 3 times / week		Biked or Walked At Least 3 Days / week		Used 'Other' Modes At Least 3 Days / week		Used Non-Drive Alone At Least 3 Days / week	
5 days a week	29	22%	15	11.4%	36	27.3%	9	6.8%	2	1.5%	15	11.4%	7	5.3%	0	0%	84	63.6%
4 days a week (4/10s)	0	0%	1	25%	2	50%	0	0%	0	0%	1	25%	0	0%	0	0%	3	75%
3 days a week	0	0%	2	50%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	1	25%
9 days in 2 weeks (9/80)	0	0%	0	0%	0	0%	0	0%	0	0%	1	50%	0	0%	0	0%	1	50%
7 days in 2 weeks	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
Other	0	0%	3	42.9%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	2	28.6%

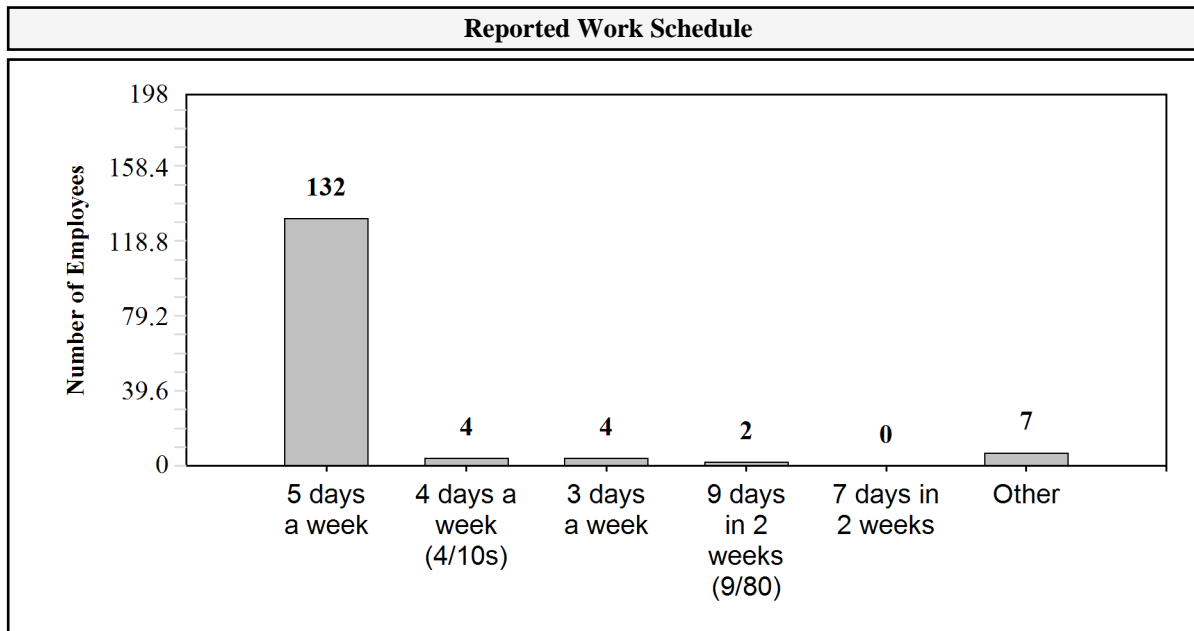
Count by Occupancy of Carpools, Vanpools, and Motorcycles

Q.4b If you used a carpool or vanpool as part of your commute, or if you ride a motorcycle, how many people (age 16 or older) are usually in the vehicle?

Ridesharing Occupancy	Mode	Response Count
1	Motorcycle	1
2	Motorcycle	2
2	Carpool	38
3	Carpool	0
4	Carpool	0
5	Carpool	4
>5	Carpool	0
<5	Vanpool	47
5	Vanpool	20
6	Vanpool	5
7	Vanpool	5
8	Vanpool	0
9	Vanpool	0
10	Vanpool	0
11	Vanpool	0
12	Vanpool	0
13	Vanpool	0
14	Vanpool	0
15	Vanpool	0

Reported Work Schedule - All Employees

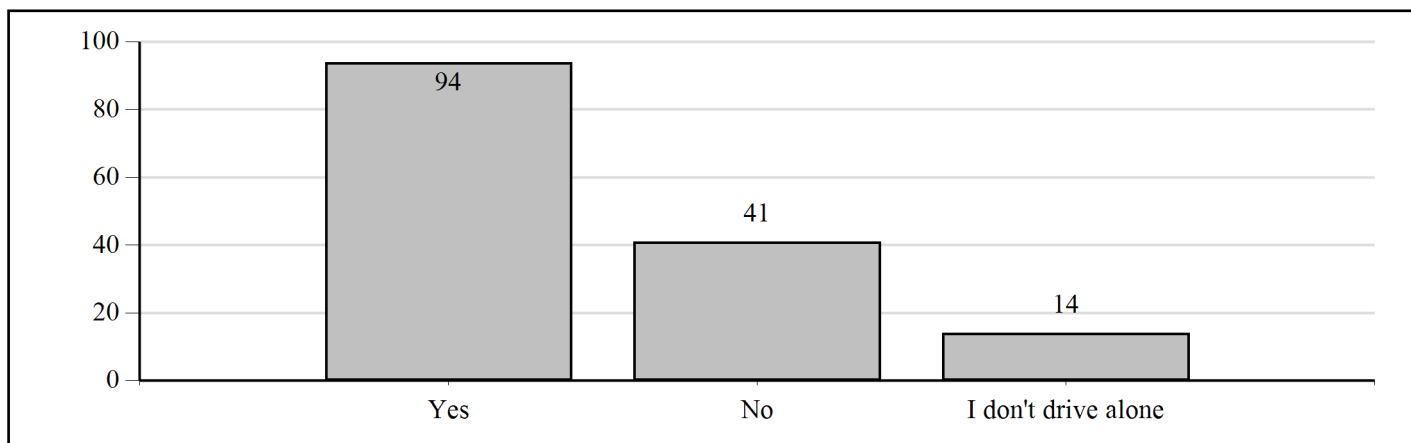
Q.5 Which of the following best describes your work schedule?



Reported Work Schedule	# Of Responses	% Of Employees
5 days a week	132	88.6%
4 days a week (4/10s)	4	2.7%
3 days a week	4	2.7%
9 days in 2 weeks (9/80)	2	1.3%
7 days in 2 weeks	0	0%
Other	7	4.7%

Parking and Telework

Q.9: On the most recent day that you drove alone to work, did you pay to park? (Mark "yes" if you paid that day, if you prepaid, if you are billed later, or if the cost of parking is deducted from your paycheck.)



Q.10: How many days do you typically telework?

Telework Frequency	# of Responses	% of Responses
No Answer/Blank	3	2.0%
I don't telework	32	21.5%
Occasionally, on an as-needed basis	44	29.5%
1-2 days/month	27	18.1%
1 day/week	20	13.4%
2 days/week	10	6.7%
3 days/week	13	8.7%

Reasons for driving alone to work/not driving alone to work

Q11. When you do not drive alone to work, what are the three most important reasons?

Question Text	# of Responses	% of Responses
Cost of parking or lack of parking	74	19.7%
Free or subsidized bus, train, vanpool pass or fare benefit	61	16.2%
To save money	60	16.0%
I have the option of teleworking	47	12.5%
To save time using the HOV lane	33	8.8%
Personal health or well-being	27	7.2%
Environmental and community benefits	21	5.6%
Other	20	5.3%
Financial incentives for carpooling, bicycling or walking.	17	4.5%
Driving myself is not an option	8	2.1%
Emergency ride home is provided	5	1.3%
I receive a financial incentive for giving up my parking space	3	0.8%
Preferred/reserved carpool/vanpool parking is provided	0	0.0%

Q12. When you drive alone to work, what are the three most important reasons?

Question Text	# of Responses	% of Responses
Riding the bus or train is inconvenient or takes too long	103	26.8%
I like the convenience of having my car	91	23.7%
Family care or similar obligations	70	18.2%
My job requires me to use my car for work	46	12.0%
Other	37	9.6%
My commute distance is too short	18	4.7%
Bicycling or walking isn't safe	14	3.6%
I need more information on alternative modes	5	1.3%
There isn't any secure or covered bicycle parking	0	0.0%

Employee Transit Use - All Employees

Q 13. Please indicate the number of one-way transit or walk-on ferry trips you took last week on each system listed below (for any purpose, not just getting to and from work). Please select "Other" if your transit isn't listed.

Trips/Week	Employees Making This Many Transit Trips in a Week									
	Community Transit	Everett Transit	Intercity Transit	King County Metro	Kitsap Transit	Pierce Transit	Sound Transit	Whatcom Transportation Authority	Ferry as Walk-On	Other
1	2	0	0	7	0	0	4	0	0	0
2	1	0	0	4	0	0	8	0	1	0
3	1	0	0	1	0	0	3	0	0	0
4	0	0	0	2	0	0	2	0	0	0
5	0	1	0	3	0	0	1	0	0	0
6	1	0	0	4	0	0	3	0	0	0
7	0	0	0	3	0	0	2	0	0	0
8	2	0	0	4	0	0	5	0	1	0
9	0	0	0	0	0	0	2	0	0	0
10	0	0	0	9	0	0	6	0	0	1
11 or more	0	0	0	2	0	0	1	0	0	0
# Of Employees using Transit	7	1	0	39	0	0	37	0	2	1
Total One-Way Transit Trips Per Week	29	5	0	234	0	0	206	0	10	10

Employee Transit Use - Affected Employees

Q 13. Please indicate the number of one-way transit or walk-on ferry trips you took last week on each system listed below (for any purpose, not just getting to and from work). Please select "Other" if your transit isn't listed.

Trips/Week	Employees Making This Many Transit Trips in a Week									
	Community Transit	Everett Transit	Intercity Transit	King County Metro	Kitsap Transit	Pierce Transit	Sound Transit	Whatcom Transportation Authority	Ferry as Walk-On	Other
1	2	0	0	5	0	0	4	0	0	0
2	1	0	0	3	0	0	8	0	1	0
3	1	0	0	1	0	0	3	0	0	0
4	0	0	0	2	0	0	2	0	0	0
5	0	1	0	3	0	0	1	0	0	0
6	1	0	0	3	0	0	3	0	0	0
7	0	0	0	3	0	0	2	0	0	0
8	2	0	0	3	0	0	5	0	1	0
9	0	0	0	0	0	0	2	0	0	0
10	0	0	0	9	0	0	6	0	0	1
11 or more	0	0	0	2	0	0	1	0	0	0
# Of Employees using Transit	7	1	0	34	0	0	37	0	2	1
Total One-Way Transit Trips Per Week	29	5	0	216	0	0	206	0	10	10

Commute Mode By ZipCode for All Employees

Q8. What is your home zip code?

Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98004	3	2.01%	5	0	0	0	0	0	0	10	0	0	0	0	0
98005	3	2.01%	0	0	0	0	5	0	0	5	5	0	0	0	0
98006	3	2.01%	9	1	0	0	1	0	0	0	6	0	0	0	0
98007	1	0.67%	5	0	0	0	0	0	0	0	0	0	0	0	0
98008	3	2.01%	10	0	0	0	0	0	5	0	0	0	0	0	0
98011	1	0.67%	0	0	0	0	1	0	0	0	4	0	0	0	0
98012	3	2.01%	5	1	3	0	4	0	0	0	3	0	0	0	0
98019	1	0.67%	3	0	0	0	0	0	0	0	1	0	0	0	0
98021	4	2.68%	2	4	5	0	8	0	0	0	1	0	0	0	0
98026	1	0.67%	1	0	4	0	0	0	0	0	0	0	0	0	0
98027	2	1.34%	10	0	0	0	0	0	0	0	0	0	0	0	0
98028	5	3.36%	17	0	0	0	4	0	0	0	4	0	0	0	0
98029	3	2.01%	10	0	0	0	0	0	0	0	0	0	0	0	0
98030	1	0.67%	0	0	0	0	0	4	0	0	1	0	0	0	0
98031	1	0.67%	0	0	5	0	0	0	0	0	0	0	0	0	0
98032	1	0.67%	1	0	0	0	0	3	0	0	1	0	0	0	0
98033	10	6.71%	23	4	0	2	4	0	1	0	13	0	0	0	0
98034	10	6.71%	26	3	0	0	5	0	0	0	8	0	0	0	2
98036	4	2.68%	0	4	0	1	14	0	0	0	0	0	0	0	0
98038	1	0.67%	4	0	0	0	0	0	0	0	0	0	0	0	0
98040	2	1.34%	2	0	0	0	5	0	0	0	1	0	0	0	0
98042	1	0.67%	0	5	0	0	0	0	0	0	0	0	0	0	0
98043	1	0.67%	0	0	5	0	0	0	0	0	0	0	0	0	0
98045	3	2.01%	4	0	9	0	0	0	0	0	2	0	0	0	0
98052	7	4.70%	10	5	0	0	6	0	2	0	6	0	0	0	0
98053	1	0.67%	5	0	0	0	0	0	0	0	0	0	0	0	0



98055	1	0.67%	1	0	4	0	0	0	0	0	0	0	0	0
98056	4	2.68%	5	2	0	0	11	0	0	0	1	0	0	0
98059	4	2.68%	3	5	0	0	6	0	0	0	4	0	0	0
98065	2	1.34%	5	0	0	0	0	0	0	0	0	0	0	0
98072	1	0.67%	5	0	0	0	0	0	0	0	0	0	0	0
98074	5	3.36%	20	0	0	0	0	0	0	0	3	0	0	0
98075	4	2.68%	7	0	0	0	4	0	0	0	8	0	0	0
98077	3	2.01%	0	0	0	0	10	0	0	0	5	0	0	0
98087	1	0.67%	0	0	0	0	3	0	0	0	2	0	0	0
98102	2	1.34%	3	0	0	0	7	0	0	0	1	0	0	0
98103	9	6.04%	8	0	20	0	8	0	4	0	1	0	0	0
98105	2	1.34%	0	0	0	0	9	0	0	0	1	0	0	0
98107	1	0.67%	0	0	0	0	0	0	5	0	0	0	0	0
98110	1	0.67%	0	0	0	0	0	0	0	0	4	0	1	0
98112	1	0.67%	3	0	0	0	0	0	0	0	0	0	0	0
98115	4	2.68%	1	0	5	0	4	0	5	0	3	0	0	0
98116	2	1.34%	0	0	0	0	6	0	0	0	5	0	0	0
98117	2	1.34%	0	0	9	0	0	0	1	0	0	0	0	0
98118	1	0.67%	0	0	0	0	3	0	1	0	1	0	0	0
98121	1	0.67%	0	0	0	0	4	0	0	0	0	0	0	0
98125	1	0.67%	0	3	0	0	0	0	0	0	0	0	0	0
98126	1	0.67%	5	0	0	0	0	0	0	0	0	0	0	0
98133	1	0.67%	1	0	4	0	0	0	0	0	0	0	0	0
98136	2	1.34%	3	0	0	0	7	0	0	0	0	0	0	0
98146	1	0.67%	3	0	0	0	0	0	0	0	1	0	1	0
98148	1	0.67%	1	0	4	0	0	0	0	0	0	0	0	0
98155	5	3.36%	6	1	0	0	14	0	0	0	4	0	0	0
98168	1	0.67%	2	1	0	0	1	1	0	0	0	0	0	0
98177	1	0.67%	0	0	0	0	4	0	0	0	1	0	0	0
98208	1	0.67%	0	0	0	0	4	0	0	0	1	0	0	0
98258	2	1.34%	1	0	0	0	8	0	0	0	0	0	0	0
98272	1	0.67%	1	0	0	0	4	0	0	0	0	0	0	0
98290	1	0.67%	2	3	0	0	0	0	0	0	0	0	0	0
98292	1	0.67%	5	0	0	0	0	0	0	0	0	0	0	0
98296	1	0.67%	4	0	0	0	1	0	0	0	0	0	0	0
98383	1	0.67%	0	0	0	0	4	0	0	0	0	0	0	0